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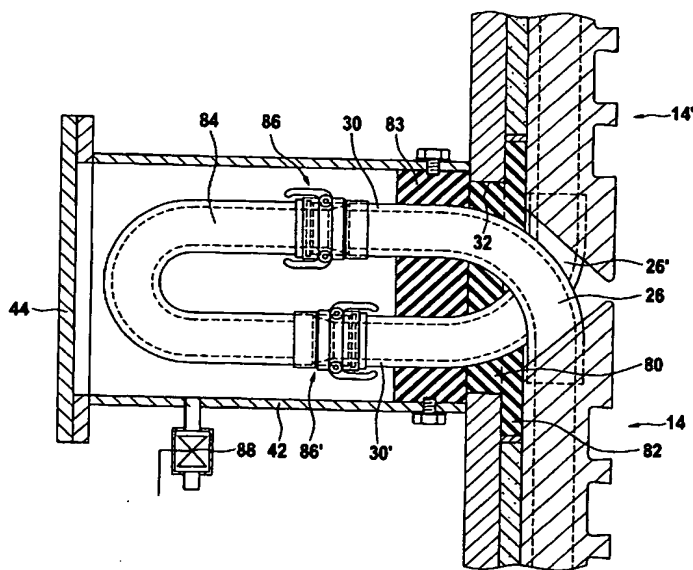
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(54) Title: COOLED FURNACE WALL FOR A METALLURGICAL VESSEL



(57) Abstract: A cooled furnace wall comprises a furnace shell with an inner and an outer side and cooling plates (14, 14') lining the inner side of said furnace shell. Each of the cooling plates (14, 14') has a plate body (20, 20') and protruding connection pieces for supplying the cooling plate (14, 14') with a coolant. The furnace shell has connection openings therein for interconnecting the connection pieces of adjacent cooling plates (14, 14') from the outer side of said furnace shell. At least one of the connection pieces is formed by a tube bend (26, 26') that protrudes from an edge face (18, 18') of the plate body (20, 20') and that has a connection end (30, 30') to extending through one of the connection openings in the furnace shell.

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 296 08 464 U (GUTEHOFFNUNGSHUETTE MAN) 25 July 1996 (1996-07-25) page 4, line 18 - page 5, line 10; figures 4,5	1-32
A	DATABASE WPI Section Ch, Week 199048 Derwent Publications Ltd., London, GB; Class J09, AN 1990-359785 XP002253949 KUTSIKOVIC D.B., E.A.: "Furnace cooling tubular elements" - & SU 690 894 A (FERR METAL EFFL PURIF) 15 April 1990 (1990-04-15) abstract; figures	1-32
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☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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